Objective: Demonstrate, validate, and implement UV-curable topcoats for aerospace applications.

Target Colors

<table>
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<th>FED-STD-595C Colors</th>
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Targeted Applications:
- Marking/Insignia
- Small Area Touch-up
- Off-Equipment Components

C-130
- Removable Fuel Tank
- Aircraft Doors
- HH-60
- HU-25
- P-3
- F-16
- F-15

Project Currently In Phase I – Demonstration Planning
- Conduct Coating Optimization (Estimated Completion: March 2009)
- Conduct Laboratory Testing per Joint Test Plan (Estimated Completion: August 2009)
- Conduct Field Demonstration (Estimated Completion: Fall 2010)

Photoinitiator
- Oligomers and Monomers
- Pigments
- Additives & Fillers
- Crosslink
- Substrate
- Lamp in Use
- Lamp in Laboratory Testing
- Portable UV Lamp

UV-Curable Black at 0, 500, and 3000 hours in Xenon Arc Chamber

UV-Curable Gray at 0, 500, and 3000 hours in Xenon Arc Chamber

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